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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if Known  Application Number 10/669,224  Filing Date September 24, 2003  First Named Inventor Ralph L. Kappelhoff  Art Unit 2125  Examiner Name Unknown			
r	Application Number	10/669,224	
ľ	Filing Date	September 24, 2003	
ľ	First Named Inventor		
ſ	Art Unit	2125	
ſ	Examiner Name	Unknown	
Ť	Attorney Docket Number	02AB131/ALBRP304US	

Sheet U.S. PATENT DOCUMENTS **Publication Date** Name of Patentee or Pages, Columns, Lines, Where Cite **Document Number** Examiner No. MM-DD-YYYY **Applicant of Cited Document** Relevant Passages or Relevant Initials' Number-Kind Code<sup>2 (# known)</sup> Figures Appear US- 6,032,203 A 02-29-2000 Peter Albert Heidhues NA US- 2003/158795 A1 08-21-2003 John Harland Hise, et al. US- 2002/082745 AI 06-27-2002 Duncan T. Aust, et al. US-US. US-US-US-US-US-US-US-US-US-US-

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>8</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۲		
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Substitute for for	m 1449B/PTO				Complete if Known	
SUPPL	Application Number 10/669,224  Filing Date September 24, 2003  First Named Inventor Ralph L. Kappelhoff  Art Unit 2125  (Use as many sheets as necessary)  Examiner Name Unknown		Application Number	10/669,224	-	
		September 24, 2003				
				First Named Inventor	Ralph L. Kappelhoff	
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Sheet	2	of	2	Attorney Docket Number	02AB131/ALBRP304US	

	•	NON PATENT LITERATURE DOCUMENTS	:
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
SW		M. BURCHIELLI. European Search Report, EP 04 02 2271. Munich, December 6, 2004.	
	a. a	MEGURU HAZAMA, et al. Functions of a Computer Station in a DCS for Batch Process Control. Advances in Instrumentation and Control, Instrument Society of America, Research Triangle Park, US. vol. 45, no. PART 3, pp 1377-1382. XP000172082. January 1990.	
		H.A. ELMARAGHY, et al. Feature Based Expert Parts Assignment in Cellular Manufacturing. Journal of Manufacturing Systems, Society of Manufacturing Engineers, Dearborn, MI, US. vol. 8, no. 2, pp. 149-140; pp. 142-145; p. 149. XP000047366. January 1989.	
		J. MIEBS, et al. Flexible Recipe Handling and Batch Control at KNP MAASTRICHT. Engineering and Automation, Siemens Aktiengesellschaft, Berlin, DE. vol. 13, no. 6, pp. 26-29. XP000270307. November 1, 1991.	
<b>y</b>		D.M. TELFER. Application Integration for CIM. IBM. pp. 385-388. XP010305262. Endicoott, NY, US. April 16, 1991.	
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				Application Number	10/669,224	_	
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				Art Unit	2125	_	
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Sheet	1	of	2	Attorney Docket Number	02AB131 / ALBRP304US		

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials	No.1	<u>Document Number</u> Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Retevant Passages or Relevant Figures Appear
Sar		US- 6,701,285	3-2-2004	Salonen	
71		US- 2004/0036698	2-26-2004	Thurner, et al.	
		US- 2003/0004585	1-2-2003	Hom, et al.	
Ψ		us- 5,933,347	8-3-1999	Cook, et al.	
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Examiner Initials	Cite No.1	Foreign Patent Document  Country Code 3 - Number 4 - Kind Code 4 (# Innoven)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τª

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Complete If Known Substitute for form 1449B/PTO 10/669,224 **Application Number** INFORMATION DISCLOSURE Filing Date September 24, 2004 Ralph L. Kappelhoff STATEMENT BY APPLICANT First Named Inventor 2125 Group Art Unit Unknown (use as many sheets as necessary) Examiner Name 2 of 2 Attorney Docket Number 02AB131 / ALBRP304US Sheet

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Ma		HANSOO KIM, HUA X. DU and CHEN ZHOU, "VIRTUAL MACHINES FOR MESSAGE BASED, REAL-TIME AND INTERACTIVE SIMULATION", 2000, 4 pages	
1		S. MANIVANNAN and JERRY BANKS, "REAL-TIME CONTROL OF A MANUFACTURING CELL USING KNOWLEDGE-BASED SIMULATION, 1991, 10 pages	
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